

## PATENT ABSTRACTS OF JAPAN

(11)Publication number : **2000-016808**  
 (43)Date of publication of application : **18.01.2000**

(51)Int.Cl.

**C01B 31/04**

(21)Application number : **11-021938** (71) Applicant : **MATSUSHITA ELECTRIC IND CO LTD**  
 (22)Date of filing : **29.01.1999** (72)Inventor : **TAOMOTO AKIRA  
OKI YOSHIMASA  
TSUCHIYA SOJI**

(30)Priority

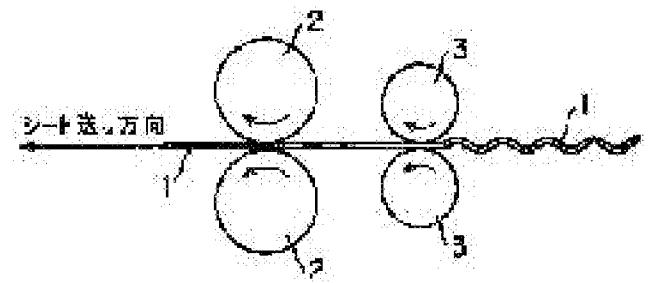
Priority number : **10119424** Priority date : **28.04.1998** Priority country : **JP**

### (54) METHOD AND APPARATUS FOR PRODUCING GRAPHITE SHEET HAVING FLEXIBILITY

(57)Abstract:

PROBLEM TO BE SOLVED: To provide both a method and an apparatus for producing a graphite sheet having such a flexibility as to eliminate the occurrence of lines in the rolling operation of a graphite sheet by rolling rollers.

SOLUTION: A rolling treatment is carried out by using a rolling roller apparatus having a function of drawing a graphite sheet 1 in the direction opposite to the feed direction of the graphite sheet at the feed side of rolling rollers 2, making the unevenness of the graphite sheet 1 flat and feeding the graphite sheet to the rolling rollers 2. Consequently since the unevenness of the graphite sheet 1 can be eliminated in the roller rolling, the occurrence of lines can be prevented. In



comparison with a smoothing process by a manual operation, the graphite sheet 1 having improved operability, excellent uniformity of thickness, flexibility, toughness and heat conductivity can be obtained.